

SYSTEMS AND METHODS FOR FABRICATING  
POLE PIECES FOR MAGNETIC RESONANCE  
IMAGING SYSTEMS

ABSTRACT OF THE DISCLOSURE

An imaging system including at least one pole piece is described. The at least one pole piece includes at least two grain-oriented sheets that are stacked together, where a direction of easy magnetization of a first of the at least two grain-oriented sheets is different than a direction of easy magnetization of a second of the at least two grain-oriented sheets.